Laptops

ggler2=Pixel+3a

Earbuds

Watches

Smart Home

Accessories

Which Pixel phone is right for

you?

Fresh deals are here. Celebrate spring with savings on products you love. Browse offers

Subscriptions

Pixel 4  $\checkmark$ 

0 0 •

5.6"d

2.8"w

Pixel 3a

6.0"h

4G

18.5:9

Pixel 4 XL 0

6.3"d

Fullscreen 6.3 inch / 160.0 mm display

QHD+ flexible OLED at 537 ppi

Smooth Display (up to 90hz)4

HDR Support (UHDA Certification)

Typical 3700 mAh<sup>5</sup>

All-day battery7

Fast charging<sup>6</sup>

Fast wireless charging<sup>6</sup>

Soft touch glass back

Active Edge™

6 GB RAM

Core

Pixel Neural Core™

12.2 MP dual-pixel

Auto-focus with dual-pixel phase

Optical + electronic image stabilization

rear camera

f/1.7 aperture

77° field of view

1.4 µm pixel width

f/2.4 aperture

52° field of view

1.0 µm pixel width

Spectral + flicker sensor

8 MP wide-angle camera

f/2.0, fixed focus

90° field of view

1.22 µm pixel width

NIR flood emitter

NIR dot projector

2 NIR cameras

Night Sight

Top Shot

Live HDR+

Portrait Mode

Super Res Zoom

**Frequent Faces** 

Portrait Light

Dual exposure controls

Dual, stereo speakers

USB-C® audio

Not eligible

Android 10

Dimensions and weight vary by configuration and manufacturing process.

<sup>5</sup> Estimate of typical capacity based upon testing and expected cell behavior.

apply. Learn more about 5G network compatibility.

decrease battery life. Actual battery life may be lower.

Actual results may vary.

about wireless charging.

results may vary, see website for details.

voids the warranty. See g.co/pixel/water.

wear and tear, repair, disassembly or damage.

wear and tear, repair, disassembly or damage.

normal wear and tear, repair, disassembly or damage.

Magic Eraser may not work on all image elements.

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All other trademarks are property of their respective owners.

warranty. See g.co/pixel/water.

Sub-6 GHz non-standalone 5G (ENDC) connectivity. Actual battery life may be lower.

conducted in Mountain View, California in early 2020 on pre-production hardware and software. Actual results may vary.

results may be slower.

3.0 PPS adapters.

Contact carrier for details. 5G service is carrier dependent. Learn more about 5G network compatibility.

<sup>4</sup> Not available for all apps or content. Display automatically adjusts to optimize for best viewing and battery performance.

Pixel 5/Pixel 4a (5g): Up to 12 W with Pixel 5 charging with Qi certified EPP charger (sold separately). Actual results may be slower. Qi-certified.

Pixel 4a: Up to 18W wired charging rates are based upon use of the included charger plugged into a wall outlet. Actual results may vary.

Pixel 3a: Up to 18W wired charging rates are based upon use of the included charger plugged into a wall outlet. Actual results may be slower.

Pixel 2 / Pixel 2 XL: Up to 18W wired charging rates are based upon use of the included charger plugged into a wall outlet. Actual results may be slower.

Saver mode was enabled. Battery life depends upon many factors and usage of certain features will decrease battery life. Actual battery life may be lower.

testing conducted using two major carrier networks using Sub-6 GHz non-standalone 5G (ENDC) connectivity. Actual battery life may be lower.

Pixel / Pixel XL: Up to 18W wired charging rates are based upon use of the included charger plugged into a wall outlet. Actual results may be slower.

Pixel 4 / Pixel 4 XL: Up to 10 W with Pixel 4 or Pixel 4 XL charging with Pixel Stand (sold separately). Actual results may vary.

Pixel 3 / Pixel 3 XL: Up to 10 W with Pixel 3 and Pixel 3 XL charging with Pixel Stand (sold separately). Actual results may vary.

Battery life depends upon many factors and usage of certain features will decrease battery life. Actual battery life may be lower.

**Motion Auto Focus** 

16 MP telephoto camera

detection

64 GB or 128 GB<sup>10</sup>, plus unlimited storage

Qualcomm® Snapdragon™ 855 with Octa-

at high quality with Google Photos<sup>11</sup>

Titan™ M security module

Water resistant9

6.3"h

4G

19:9

2.9"w

5.7"h

4G

19:9

0

5.7"d

2.7"w

Network<sup>2</sup>

Display

Fullscreen 5.7 inch/ 144.7 mm display

FHD+ flexible OLED at 444 ppi

Smooth Display (up to 90hz)4

**HDR Support (UHDA Certification)** 

Battery

Design

Memory and storage

64 GB or 128 GB<sup>10</sup>, plus unlimited storage

Security

Processors

Qualcomm® Snapdragon™ 855 with Octa-

Rear camera

12.2 MP dual-pixel rear camera

Auto-focus with dual-pixel phase

Optical + electronic image stabilization

at high quality with Google Photos<sup>11</sup>

Titan™ M security module

Typical 2800 mAh5

All-day battery7

Fast charging<sup>6</sup>

Fast wireless charging<sup>6</sup>

Soft touch glass back

Active Edge™

6 GB RAM

Core

Pixel Neural Core™

f/1.7 aperture

77° field of view

f/2.4 aperture

52° field of view

1.0 µm pixel width

Spectral + flicker sensor

Front camera

Camera features

8 MP wide-angle camera

f/2.0, fixed focus

90° field of view

1.22 µm pixel width

NIR flood emitter

NIR dot projector

Group Selfie Cam

Night Sight

Portrait Mode

Super Res Zoom

Frequent Faces

Portrait Light

Dual exposure controls

Audio

Pixel Pass

Operating system

3 Requires a 5G data plan (sold separately). 5G service not available on all carrier networks or in all areas. Contact carrier for details. 5G service, speed and performance depend on many factors including, but not limited

to, carrier network capabilities, device configuration and capabilities, network traffic, location, signal strength and signal obstruction. Actual results may vary. Some features not available in all areas. Data rates may

6 Pixel 7 Pro and Pixel 7: Fast wired charging rates (up to 21W on Pixel 7 and up to 23W on Pixel 7 Pro) are based upon use of the Google 30W USB-C® Charger plugged into a wall outlet. Actual results may be slower.

Adapters sold separately. Charging speed based upon testing with device batteries drained to 1% and charged with Google 30W USB-C® Charger. Charging testing conducted by Google in mid-2022 on preproduction

hardware and software using default settings with the device powered on. Charging speed depends upon many factors including usage during charging, battery age, and ambient temperature. Actual charging speed may be slower. Wireless charging rates up to 21W (Pixel 7) and up to 23W (Pixel 7 Pro) charging with Google Pixel Stand (2nd gen) (sold separately). Up to 12W with Qi-certified EPP chargers (sold separately). Actual

Pixel 6a: Wired charging rates up to 18W based on use of Google 30W USB-C® or Google 18W USB-C® Charger plugged into a wall outlet. Actual results may be slower. Adapters sold separately. Compatible with USB PD

Pixel 7 Pro and Pixel 7: For "24-hour": Estimated battery life based on testing using a median Pixel user battery usage profile across a mix of talk, data, standby, and use of other features. Average battery life during

claims: Battery testing conducted in California in early 2022 on pre production hardware and software using default settings, except that, for the "up to 72 hour" claim only, Extreme Battery Saver mode was enabled.

Pixel 6a: For "24-hour": Estimated battery life based on testing using a median Pixel user battery usage profile across a mix of talk, data, standby, and use of other features. Average battery life during testing was

across a mix of talk, data, standby, and use of limited other features that are default in Extreme Battery Saver mode (which disables various features including 5G connectivity). Battery testing conducted on a major

carrier network. For both claims: Battery testing conducted in California in early 2022 on pre-production hardware and software using default settings, except that, for the "up to 72 hour" claim only, Extreme Battery

Pixel 6 Pro and Pixel 6: For "beyond 24 hours": Estimated battery life based on testing using a mix of talk, data, standby, and use of other features. Average battery life during testing was 34 hours. Battery life depends

upon many factors and usage of certain features will decrease battery life. Battery testing conducted by a third party in California in mid 2021 on pre-production hardware and software, using default settings. Battery

For "all-day": Maximum battery life based on testing using a mix of talk, data, standby, and use of other features. Testing conducted on two major carrier networks using Sub-6 GHz non-standalone 5G (ENDC)

connectivity. For "Up to 48 hours / 2 days": Maximum battery life based on testing using a mix of talk, data, standby, and use of limited other features that are default in Extreme Battery Saver mode (which disables various features including 5G connectivity). Testing conducted on two major carrier networks. For both claims: Pixel 5a with 5G battery testing conducted by a third party in California in early 2021 on pre-production

hardware and software using default settings, except that, for the "up to 48 hour/ 2 days claim" only, Extreme Battery Saver mode was enabled. Battery life depends upon many factors and usage of certain features will

Pixel 5 and Pixel 4a (5g): Maximum battery life based on testing using a mix of talk, data, standby, and use of other features. Battery life depends upon many factors and usage of certain features will decrease battery life. Pixel 4a (5G) and Pixel 5 battery testing conducted by a third party in California in mid 2020 on pre-production hardware and software, using default settings. Testing conducted on two major carrier networks using

Pixel 4a: Approximate battery life based on a mix of talk, data, standby, and use of other features, with always on display off. An active display and other usage factors will decrease battery life. Pixel 4a battery testing

Pixel 4 / Pixel 4 XL: Approximate battery life based on a mix of talk, data, standby, mobile hot spot and use of other features, with Motion Sense off and always on display off. Use of Motion Sense, an active display or

Pixel 3a and Pixel 3a XL: Approximate battery life based on a mix of talk, data, standby, mobile hot spot and use of other features, with always on display off. An active display or data usage will decrease battery life.

Pixel 3 and Pixel 3 XL: Approximate battery life based on a mix of talk, data, standby and use of other features, with always on display off and mobile hotspot off. An active display or data usage will decrease battery life.

Pixel 2 and Pixel 2 XL: Approximate battery life based on a mix of talk, data, and standby use with always on display off. Requires use of included charger. An active display or data usage will decrease battery life. Actual

Pixel and Pixel XL: Battery use statistics are approximate and represent mixed use of talk, standby, web browsing, and other features, according to an average user profile as defined by Google. Uses that involve an

<sup>8</sup> Designed to charge Qi-certified devices. Use of reverse wireless charging significantly reduces Pixel battery life. Cases may interfere with charging and will reduce charging speed. Charge speeds may vary. Learn more

9 Pixel 7 Pro and Pixel 7: Designed to comply with water protection rating IPX8 under IEC standard 60529 when each device leaves the factory but device is not waterproof. The accessories are not water resistant. Water

Pixel 6a: Designed to comply with water protection rating IPX7 under IEC standard 60529 when each device leaves the factory but device is not waterproof. The accessories are not water resistant. Water resistance is

not a permanent condition, and diminishes or is lost over time due to normal wear and tear, device repair, disassembly or damage. Dropping your device may result in loss of water resistance. Liquid damage voids the

Pixel 5a with 5G has a water protection rating of IPX7 under IEC standard 60529. Charger and accessories are not water resistant. Water resistance is not a permanent condition and may be compromised due to normal

Pixel 5: Pixel 5 has a water protection rating of IPX8 under IEC standard 60529. Charger and accessories are not water resistant. Water resistance is not a permanent condition and may be compromised due to normal

Pixel 4 and Pixel 4 XL have a water protection rating of IPX8 under IEC standard 60529. Charger and accessories are not water resistant. Water resistance is not a permanent condition and may be compromised due to

11 Pixel 5, Pixel 4a (5G), Pixel 4a, Pixel 4 and Pixel 4 XL: Google Photos offers unlimited online storage for all photos and videos uploaded in high-quality. Photos and videos uploaded in high-quality may be compressed or

Pixel 3a and Pixel 3a XL: Google Photos offers free unlimited online storage for all photos and videos uploaded in high-quality. Photos and videos uploaded in high-quality may be compressed or resized. Requires Google

Pixel 3 and Pixel 3 XL: Free unlimited online original-quality storage for all photos and videos uploaded to Google Photos from Pixel 3 through 1/31/2022. Photos and videos uploaded before 1/31/2022 will remain free at

16 Coming soon. Restrictions apply. Some data is not transmitted through VPN. Not available in all countries. All other Google One membership benefits sold separately. Pixel VPN offering does not impact price or benefits

Shipping options

Tracking a package

Country availability

Repairs

Installation

Ideas & Info

Google Nest Commitment to Privacy

Help Center

Contact Us

Financing

Device recycling

Sustainability

Gift returns

Refurbished

Pixel for Business

Trade-in

Locations

Terms of Service

Sales Terms

**PLAINTIFF'S EXHIBIT** 

PTX-450-0001

Careers

**BRAZOS-GOOALL-0012553** 

Pixel 2 and Pixel 2 XL: Free, unlimited original-quality storage for photos and videos taken with Pixel through the end of 2020, and free, unlimited high-quality storage for photos taken with Pixel afterwards.

Pixel and Pixel XL: Unlimited original quality storage of photos/videos taken with your Pixel, high quality for all other photos/videos. Requires Google Account. Data rates may apply.

United States

Privacy

12 Maximum resolution and field of view with RAW image files setting turned on. Setting is turned off by default. See g.co/pixel/photoediting for more information.

resistance is not a permanent condition, and diminishes or is lost over time due to normal wear and tear, device repair, disassembly or damage. Dropping your device may result in loss of water resistance. Liquid damage

data usage will decrease battery life. Pixel 4 and 4 XL testing conducted in Mountain View, California in August 2019 on pre-production hardware and software. Actual results may vary.

Wired charging: rates are based on use of the included charger. Wireless charging: Up to 10 W with Pixel 3 XL charging with Pixel Stand (sold separately). Actual results may vary.

active display or data usage will use battery more quickly, actual results may vary. Charging rates are based on use of the included USB Type-C 18W charger.

Pixel 3 and Pixel 3 XL have a water protection rating of IPX8 under IEC standard 60529. Charger and accessories are not water resistant.

Pixel 2 and Pixel 2 XL has a water protection rating of IP67 under IEC standard 60529. Charger and accessories are not water resistant.

resized. Requires Google Account and internet connection. Data rates may apply. Learn more about uploading photos and videos.

original-quality. Requires Google Account. Data rates may apply. Learn more about uploading photos and videos.

of Google One Premium plan. Use of VPN may increase data costs depending on your plan. See g.co/pixel/vpn for details.

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10 Storage specifications refer to capacity before formatting. Actual formatted capacity will be less.

Account. Data rates may apply. Learn more about uploading photos and videos.

Measured diagonally; dimension may vary by configuration and manufacturing process.

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15 HDR brightness measured at 100% on-pixel ratio. Peak Brightness measured at 5% on-pixel ratio.

approximately 29 hours. Battery testing conducted using Sub-6 GHz non-standalone 5G (ENDC) connectivity. For "Up to 72 hours": Estimated battery life based on testing using a median Pixel user battery usage profile

testing was approximately 31 hours. Battery testing conducted on a major carrier network. For "Up to 72 hours": Estimated battery life based on testing using a median Pixel user battery usage profile across a mix of talk,

data, standby, and use of limited other features that are default in Extreme Battery Saver mode (which disables various features including 5G connectivity). Battery testing conducted on a major carrier network. For both

Dual, stereo speakers

USB-C™ audio

Not eligible

Android 10

**Motion Auto Focus** 

Top Shot

Live HDR+

2 NIR cameras

1.4 µm pixel width

16 MP telephoto camera

detection

Water resistant9

Available colors Dimensions<sup>1</sup>

Fullscreen 5.6 inch / 142.2mm display

FHD+ OLED at 441 ppi

Typical 3000 mAh5

All-day battery7

Fast charging<sup>6</sup>

Polycarbonate unibody

64GB storage 10, plus unlimited storage for

Qualcomm® Snapdragon™ 670 with Octa-

Autofocus + dual pixel phase detection

Optical + electronic image stabilization

photos and videos at high quality with

Active Edge™

4GB RAM

Google Photos<sup>11</sup>

Pixel Imprint™

Core

12.2MP dual-pixel

8MP front camera

Night Sight

Top Shot

Portrait Mode

Super Res Zoom

Stereo speakers

3.5 mm audio jack

USB-C® audio

Not eligible

Android 9 Pie

**Motion Auto Focus** 

f/2.0 aperture, fixed focus

rear camera

f/1.8 aperture

Titan™ M security module